

**ENTERED**



PCT09

## RAW SEQUENCE LISTING

DATE: 05/22/2002

PATENT APPLICATION: US/09/719,494

TIME: 15:59:13

Input Set : A:\Mskp0421.app

Output Set: N:\CRF3\05222002\I719494.raw

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3 <110> APPLICANT: Nikolic-Zugic, Janko
4     Dyall, Ruben
5     Houghton, Alan N.
7 <120> TITLE OF INVENTION: Vaccination Strategy to Prevent and Treat Cancers
9 <130> FILE REFERENCE: MSK.P-042-WO
C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/719,494
C--> 12 <141> CURRENT FILING DATE: 2002-03-20
14 <150> PRIOR APPLICATION NUMBER: 60/106,339
15 <151> PRIOR FILING DATE: 1998-10-30
17 <150> PRIOR APPLICATION NUMBER: 60/089,055
18 <151> PRIOR FILING DATE: 1998-06-12
20 <160> NUMBER OF SEQ ID NOS: 23
22 <170> SOFTWARE: PatentIn Ver. 2.1
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25 <211> LENGTH: 12
26 <212> TYPE: PRT
27 <213> ORGANISM: Vesicular stomatitis virus
29 <220> FEATURE:
30 <223> OTHER INFORMATION: sorting signal for directing intracellular
31     transport of expressed antigens to the endoplasmic
32     reticulum
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39 <210> SEQ ID NO: 2
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42 <213> ORGANISM: Adenovirus
44 <220> FEATURE:
45 <223> OTHER INFORMATION: sorting signal for directing intracellular
46     transport of expressed antigens to the endoplasmic
47     reticulum
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58 <211> LENGTH: 8
59 <212> TYPE: PRT
60 <213> ORGANISM: Chicken
62 <220> FEATURE:
63 <223> OTHER INFORMATION: binding peptide
65 <400> SEQUENCE: 3

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73 <213> ORGANISM: Influenza
75 <220> FEATURE:
76 <223> OTHER INFORMATION: binding peptide
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80   1           5
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84 <211> LENGTH: 9
85 <212> TYPE: PRT
86 <213> ORGANISM: HUMAN
88 <220> FEATURE:
89 <223> OTHER INFORMATION: telomerase reverse transcriptase peptide
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92 Asp Val Leu Val His Leu Leu Ala Arg
93   1           5
96 <210> SEQ ID NO: 6
97 <211> LENGTH: 9
98 <212> TYPE: PRT
99 <213> ORGANISM: HUMAN
101 <220> FEATURE:
102 <223> OTHER INFORMATION: CD20 peptide
104 <400> SEQUENCE: 6
105 Arg Met Ser Ser Leu Val Gly Pro Thr
106   1           5
109 <210> SEQ ID NO: 7
110 <211> LENGTH: 9
111 <212> TYPE: PRT
112 <213> ORGANISM: HUMAN
114 <220> FEATURE:
115 <223> OTHER INFORMATION: CD20 peptide
117 <400> SEQUENCE: 7
118 Arg Met Ser Ser Leu Val Gly Pro Val
119   1           5
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123 <211> LENGTH: 10
124 <212> TYPE: PRT
125 <213> ORGANISM: HUMAN
127 <220> FEATURE:
128 <223> OTHER INFORMATION: prostate specific antigen peptide
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131 Leu Leu Gln Glu Arg Gly Val Ala Tyr Ile
132   1           5           10
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136 <211> LENGTH: 8

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137 <212> TYPE: PRT
138 <213> ORGANISM: Herpes simplex
140 <220> FEATURE:
141 <223> OTHER INFORMATION: Herpes simplex virus glycoprotein B SEI peptide
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149 <211> LENGTH: 8
150 <212> TYPE: PRT
151 <213> ORGANISM: Herpes simplex
153 <220> FEATURE:
154 <223> OTHER INFORMATION: Herpes simplex virus glycoprotein B SSI peptide
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158   1           5
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163 <212> TYPE: PRT
164 <213> ORGANISM: HUMAN
166 <220> FEATURE:
167 <223> OTHER INFORMATION: melanoma gp75 protein TWH peptide
169 <400> SEQUENCE: 11
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171   1           5
174 <210> SEQ ID NO: 12
175 <211> LENGTH: 8
176 <212> TYPE: PRT
177 <213> ORGANISM: HUMAN
179 <220> FEATURE:
180 <223> OTHER INFORMATION: melanoma gp75 protein TAY peptide
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183 Thr Ala Tyr Arg Tyr His Leu Leu
184   1           5
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188 <211> LENGTH: 39
189 <212> TYPE: DNA
190 <213> ORGANISM: Artificial Sequence
192 <220> FEATURE:
193 <223> OTHER INFORMATION: Description of Artificial Sequence: amplification
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196 <400> SEQUENCE: 13
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201 <211> LENGTH: 39
202 <212> TYPE: DNA
203 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
206 <223> OTHER INFORMATION: Description of Artificial Sequence: amplification

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216 <213> ORGANISM: Artificial Sequence
218 <220> FEATURE:
219 <223> OTHER INFORMATION: Description of Artificial Sequence: amplification
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222 <400> SEQUENCE: 15
223 ttctctgagt cacagcctgg cgaactcgat gctgctggca gc          42
226 <210> SEQ ID NO: 16
227 <211> LENGTH: 42
228 <212> TYPE: DNA
229 <213> ORGANISM: Artificial Sequence
231 <220> FEATURE:
232 <223> OTHER INFORMATION: Description of Artificial Sequence: amplification
233      primer
235 <400> SEQUENCE: 16
236 ttctctgagt cacagcctgg cgaactcgat cgagctggca gc          42
239 <210> SEQ ID NO: 17
240 <211> LENGTH: 50
241 <212> TYPE: DNA
242 <213> ORGANISM: Artificial Sequence
244 <220> FEATURE:
245 <223> OTHER INFORMATION: Description of Artificial Sequence: amplification
246      primer
248 <400> SEQUENCE: 17
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252 <210> SEQ ID NO: 18
253 <211> LENGTH: 36
254 <212> TYPE: DNA
255 <213> ORGANISM: Artificial Sequence
257 <220> FEATURE:
258 <223> OTHER INFORMATION: Description of Artificial Sequence: amplification
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261 <400> SEQUENCE: 18
262 ggctgctgg ccctggccgc cgtgtgcagc gctgct          36
265 <210> SEQ ID NO: 19
266 <211> LENGTH: 45
267 <212> TYPE: DNA
268 <213> ORGANISM: Artificial Sequence
270 <220> FEATURE:
271 <223> OTHER INFORMATION: Description of Artificial Sequence: amplification
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274 <400> SEQUENCE: 19
275 ttctctgagt cacagcaggt ggtatctgta ggcggtggca gcgct          45
278 <210> SEQ ID NO: 20

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279 <211> LENGTH: 45
280 <212> TYPE: DNA
281 <213> ORGANISM: Artificial Sequence
283 <220> FEATURE:
284 <223> OTHER INFORMATION: Description of Artificial Sequence: amplification
285     primer
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288 tttctcgagt cacagcaggt ggtatctgtg ccaggtggta gcgct                45
291 <210> SEQ ID NO: 21
292 <211> LENGTH: 10
293 <212> TYPE: PRT
294 <213> ORGANISM: Human immunodeficiency virus
296 <220> FEATURE:
297 <223> OTHER INFORMATION: HIV-10 peptide
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300 Arg Gly Pro Gly Arg Ala Phe Val Thr Ile
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305 <211> LENGTH: 17
306 <212> TYPE: PRT
307 <213> ORGANISM: HUMAN
309 <220> FEATURE:
310 <223> OTHER INFORMATION: endosomal sorting signal
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314   1           5                10                15
316 Gly
320 <210> SEQ ID NO: 23
321 <211> LENGTH: 9
322 <212> TYPE: PRT
323 <213> ORGANISM: HUMAN
325 <220> FEATURE:
326 <223> OTHER INFORMATION: melanosomal protein sorting signal
328 <400> SEQUENCE: 23
329 Glu Ala Asn Gln Pro Leu Leu Thr Asp
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VERIFICATION SUMMARY

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Input Set : A:\Mskp0421.app

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L:11 M:270 C: Current Application Number differs, Replaced Application Number

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date